LABDEX

Vertical Autoclave LX101VA

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Description

Vertical Autoclave LX101VA is a sterilizing mechanism made by SUS304 fully stainless steel with top loading sterilizer along with safety protection features like over-temperature and pressure protection, Automatic release safety valve, Electric safety protection device and emergency exhaust switch for a safe and effective sterilizing process. It's equipped with a dual-scale indication pressure gauge for pressure, an easy control panel and a silicon rubber seal for protection against leakage. This mechanism is very effectively useful in hospitals, clinical laboratories, research centers, and science colleges for sterilization of glass wares, biological materials, cultural media, surgical instruments, rubber material, etc.

Specifications

Volume of chamber	50 Liters
Control	Microprocessor
Material	Stainless steel 304
Sterilizing chamber volume	Ø300 x 485 mm
Working pressure	0.22 Mpa
Max. working pressure	0.23 Mpa
Working temperature	129 °C
Adjustment of temperature	115 - 129 °C
Sterilization timer range	0-80 Minutes
Temperature accuracy	0.1°C
Heat average	≤ ± 1℃
Power	2.5KW, 220V, 50Hz, single-phase
Product dimension	540 x 540 x 950 mm
Net weight	40 kg
Package dimension	560 x 560 x 1050 mm
Gross weight	60 Kg

Features

- It has a microprocessor that controls heating, air release, sterilization, pressure, temperature, time and steam release
- Wing nut locking mechanism
- Equipped with an automatic power cut-off facility for water shortage condition
- Automatically shut down after the sterilization process completes with a buzzer alarm indication
- Equipped with Automatic safety for over-temperature, pressure and current
- Double scale indication pressure gauge
- User-friendly door structure
- Facilitate safety features
- With one stainless steel sterilization drum

Applications

- Vertical Autoclave is used in Biotechnology, microbiology, the medical and healthcare industry, scientific research centers, schools, colleges, institutions and universities for sterilizing processes also suitable for items that are high temperature-resisting and high pressure-resisting including unwrapped or wrapped instrument, dressing, rubber, liquid, plant-in instrument, porous item, hollow instrument to be sterilized.

Optional Accessories

- Drying function

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